

PTO/SB/08A (08-03)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/602,998
				Filing Date	June 23, 2003
				First Named Inventor	Thomas M. Brennan
				Art Unit	1645 1637
				Examiner Name	Unknown CM Bobic
Sheet	1	of	27	Attorney Docket Number	28690-705.302

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
CMBS		4,683,202	07/28/87	Mullis	
		4,834,946	05/30/89	Levin	
		5,143,854	09/01/92	Pirrung, et al.	
		5,202,231	04/13/93	Dramanac, et al.	
		5,412,087	05/02/95	McGall, et al.	
		5,445,934	08/29/95	Fodor, et al.	
		5,445,943	08/29/95	Hoenes	
		5,474,796	12/12/95	Brennan	
		5,489,678	02/06/96	Fodor, et al.	
		5,492,806	02/20/96	Dramanac, et al.	
		5,525,464	06/11/96	Dramanac	
		5,545,568	08/13/96	Ellman	
		5,556,749	09/17/96	Mitsushashi, et al.	
		5,571,639	11/05/96	Hubbell, et al.	
		5,614,608	03/25/97	Krchnak, et al.	
		5,650,277	07/22/97	Navot, et al.	
		5,667,972	06/16/97	Dramanac, et al.	
		5,679,773	10/21/97	Holmes	
		5,691,141	11/25/97	Köster	

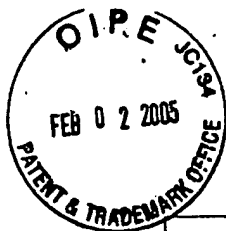
FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
CMBS		EP 717113A2	06/19/96	Affymetrix, Inc.		
		WO 92/15712	09/17/92	Molecular Tools, Inc.		
		WO 93/09250	05/13/93	Adelaide Children's Hospital University of South Australia		
		WO 95/17126	09/02/93	The Public Health Research Institute of the City		

Examiner Signature		Date Considered	8/25/05
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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				Art Unit	1645 1637	
				Examiner Name	Unknown cm Bessie	
Sheet	2	of	27	Attorney Docket Number		28690-705.302

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
cmB		5,695,940	12/09/97	Dramanac, et al.	
		5,700,637	12/23/97	Southern	
		5,700,642	12/23/97	Monoforte, et al.	
		5,710,028	01/20/98	Eyal, et al.	
		5,739,386	04/14/98	Holmes	
		5,744,305	04/28/98	Fodor, et al.	
		5,800,992	09/01/98	Fodor, et al.	
		5,830,655	11/03/98	Monoforte, et al.	
		5,837,832	11/17/98	Chee, et al.	
		5,846,943	12/08/98	Hindsgaul, et al.	
		5,858,653	01/12/99	Duran, et al.	
		5,858,659	01/12/99	Sapolsky, et al.	
		5,871,928	02/16/99	Fodor, et al.	
		5,888,819	03/30/99	Goelet, et al.	
		5,889,165	03/30/99	Fodor, et al.	
		5,917,016	06/29/99	Holmes	
		5,919,626	07/06/99	Shi, et al.	
		5,922,534	07/13/99	Lichtenwalter	
		5,927,547	07/27/99	Papen, et al.	

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cmB		WO 95/11995	05/04/95	Affymax Technologies N.V.		
		WO 97/28282	08/	Stratagene		
		WO 97/43447	11/20/97	Motorola		
		WO 97/45730	12/04/97	Biodx		
		WO 98/09735	03/12/98	International Business machine Corporation		

Examiner Signature		Date Considered	8/25/05
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				Art Unit	1645 1637
Examiner Name	Unknown CM Bolic				
Sheet	3	of	27	Attorney Docket Number	28690-705.302«CaseNumber»

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CM3		5,929,208	07/27/99	Heller, <i>et al.</i>	
		5,972,619	10/26/99	Dramanac, <i>et al.</i>	
		5,985,551	11/16/99	Brennan	
		5,985,557	11/16/99	Prudent, <i>et al.</i>	
		5,985,761	11/16/99	Saprks, <i>et al.</i>	
		6,001,567	12/14/97	Brow, <i>et al.</i>	
		6,018,041	01/25/00	Dramanac, <i>et al.</i>	
		6,025,136	02/15/00	Drmanac	
		6,028,189	02/22/00	Blanchard	
		6,030,782	02/29/00	Anderson, <i>et al.</i>	
		6,040,138	03/21/00	Lockhart, <i>et al.</i>	
		6,043,031	03/28/00	Köster, <i>et al.</i>	
		6,054,270	04/25/00	Southern	
		6,074,823	06/13/00	Köster	
		6,083,763	07/04/00	Balch	
		6,090,995	07/18/00	Reich, <i>et al.</i>	
		6,103,479	08/15/00	Taylor	
		6,197,506	03/06/01	Fodor, <i>et al.</i>	
	6,210,894	04/03/01	Brennan		

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		Country Code ² - Number ³ - Kind Code ⁴ (if known)				
CM3 ↓ ↓		WO 99/21957	05/06/99	The University of North Carolina at Chapel Hill		
		WO 98/22487	05/28/98	Synsorb Biotech, Inc.		
		WO 98/28438	07/02/98	Diatech Pty. Ltd.		
		WO 98/30883	07/16/98	Sheldon, Edward L.		

Examiner Signature		Date Considered	8/25/05
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			Art Unit	1645 / 637	
			Examiner Name	Unknown CM Babic	
Sheet	4	of	27	Attorney Docket Number	28690-705.302

U.S. PATENT DOCUMENTS

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[Signature]		6,291,183	09/18/01	Pirrung, et al.	
		6,309,822	10/30/01	Fodor, et al.	
		6,309,823	10/30/01	Cronin, et al.	
		6,309,831	10/30/01	Goldberg, et al.	
		6,310,189	10/30/01	Fodor, et al.	

FOREIGN PATENT DOCUMENTS

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CMB		WO 98/38490	09/03/98	Biodx, Inc.		
		WO 98/38846	09/11/98	Affymetrix, Inc.		
		WO 98/41531	09/24/98	University of Washington		
		WO 98/46247	10/22/98	Wisconsin Alumni Research Foundations		
		WO 98/47003	10/22/98	United States of America		
		WO 98/50403	11/12/98	THIRD WAVE TECHNOLOGIES, INC.		
		WO 98/54362	12/03/98	The Perkin-Elmer Corporation		
		WO 98/56954	12/17/98	Affymetrix, Inc.		
		WO 99/05308	02/04/99	RAPIGENE, INC.		
		WO 99/06593	02/11/99	Sarnoff Corporation		
		WO 99/06834	02/11/99	IXSYS, Incorporated		
		WO 99/07888	02/18/99	Bulynk, Martha L.		
		WO 99/09073	02/25/99	Akazo Nobel N.V.		
		WO 98/21221	05/22/98	Synsorb Biotech, Inc		
		WO 94/11530	05/26/94	Trustees of Boston University		
	WO 93/17136	09/02/93	The Dow Chemical Company			
	WO 98/33586	08/06/98	Protopene Laboratories, Inc.			

Examiner Signature	[Signature]	Date Considered	8/25/05
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am3		WO 99/14228	03/25/99	Affymetrix, Inc		
		WO 99/27137	06/03/99	Orchid Biocomputer, Inc.		
		WO 99/37812	07/29/99	Orchid Biocomputer, Inc		
		WO 99/39004	08/05/99	The government of the United States of America, Secretray, Department of Health and Human Services		
		WO 99/47701	09/23/99	November AG Novus Medicatus Bertling Gesellschaft fur Molekulare Medizin		
		WO 99/54509	10/28/99	Affymetrix, Inc.		
		WO 99/58708	11/18/99	Rosetta Inpharmatics, Inc		
		WO 00/03246	01/20/00	Cellomics, Inc.		
		WO 00/17624	03/30/00	Cellomics, Inc.		
		WO 00/17643	03/30/00	Cellomics, Inc.		
		WO 00/50872	08/31/00	Cellomics, Inc.		
Examiner Signature				Date Considered	8/25/05	

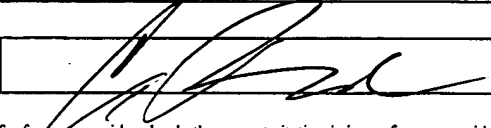
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Sheet	6	of	27	Attorney Docket Number		28690-705.302

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
CM3		ABRAMSON et al., Nucleic acid amplification technologies, Curr. Opin. Biotechnol., 1993, pp.41-47, vol. 4	
		ABRAVAYA et al., Detection of poinT mutations with a modified ligase chain reaction, Nucleic Acids Res., 1995, pp 675-682, vol 23	
		ADINOLFI et al., Solid Phase Synthesis of Oligosaccharides, Tetrahedron Lett., 1996, pp 5007-5010, 37 (28)	
		ALBERICIO et al., Covergent Solid-Phase Peptide Synthesis, Methods Enzymol, 1997, pp 313-316, vol 289	
		ANDRES et al., Transistion metal mediated reactions in combinatorial synthesis, Curr. Opin. Chem. Biol., 1998, pp353-362, vol 2	
		ATHERTON et al., Solid Phase Peptide Synthesis, A practical approach, IRL press, 1989,	
		AUSUBEL et. al., Current Protocols in Molecular Biology, John Wiley & Sons, 1989, vol. 1-2	
✓		BEIER et. al., Versatile Derivatisation of solid support media for covalent bonding on DNA-microchips, Nucleic Acids Res., 1999, pp 1970-1977, vol. 27 (9)	

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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
CM B		BLANCHARD et. al., Syntheic DNA Arrays, Biosenors and Bioelectronics, 1996, pp 687-690, vol. 11	
		BLIXT et. al., Solid-Phase Enzymatic Synthetic of a Sialy Lewis X Tetrassaccharide on a Sepharose Matrix, J. Org. Chem., 1998, pp.2705-2710, vol. 63	
		BRZOSKA et. al., Evidence of a transistion temperature for the optimum depostion of grafted monolayer coatings, Nature, 1992, pp 719-721, 360	
		BUHR et. al., Oligodeoxynucleotides containing C-7 propyne analogs of 7-deaza 2'-deoxyguanosine and 7-deaza-2'-deoxyadenosine, Nucleic Acids Res., 1996, pp 2974-2980, 24 (15)	
		BULYK et. al., Quantifying DNA-protein interactions by double-stranded DNA arrays, Nature Biotechnology, 1999, 573-577, 17	
		BURG et. al., Real-Time Fluorescence Detection of RNA Amplified by QB Replicase, Anal. Biochem., 1995, pp263-272, vol. 230	
✓		CANTOR and SCHIMMEL et. al., Part 1: The conformation of biological macromolecules, Biophycical Chemistry, San Francisco, W.H. Freeman, 1980	

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				Application Number	10/602,998
				Filing Date	June 23, 2003
				First Named Inventor	Thomas M. Brennan
				Art Unit	1645 1637
				Examiner Name	Unknown CM Babic
Sheet	8	of	27	Attorney Docket Number	28690-705.302

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
CMB		CASE-GREEN et. al., Analyzing genetic information with DNA arrays., Cur. Opin. In Chem. Biol., 1998, pp 404-410, vol. 2	
		CZARNIK, et. al., Guest Editorial, Accounts Chem. Rev., 1996, pp112-170, vol. 29	
		DANISHEFSKY et. al., A Strategy for the Solid-Phase Synthetic of Oligosaccharides, Science, 1993, pp1307-1309, vol 260	
		DERISI, et. al., Exploring the Metabolic and Genetic Control of Gene Expression on A Genomic Scale, Science, 1997, pp680-686, vol 278	
		DE WILDT et. al., Antibody arrays for high-throughput screening of antibody-antigen interactions, Nature, 2000, pp 989, vol. 18	
		DRMANAC et. al., Sequencing of Megabase Plus DNA by Hybridization: Theory of the Method, Genomics, 1989, pp114-28, vol 4	
		DRMANAC et. al., Accurate sequencing by hybridization for DNA diagnostics and individual genomics, Nature Biotechnology, 1998, pp 54-58, vol 16	
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		EISENBERG et al., Protein function in the post-genomic era, Nature, 2000, pp 823-826, vol. 405	
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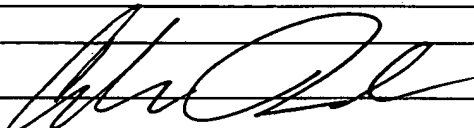
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		GERHOLD et al, DNA chips: promising toys have become powerful tools, TIBS, 1999, pp168-173, vol. 24	
		GIBSON et al, A Novel Method for Real Time Quantitative RT-PCR, Genome Res., 1996, pp995-1001, vol. 6	
		GIESEN et al., A formula for thermal stability (T _m) prediction of PNA/DNA duplexes, Nucleic Acids Research, 1998, pp. 5004-5006, vol. 26(21)	
		GOOD et al., Antisense inhibition of gene expression in bacteria by PNA targeted to mRNA, Nature Biotechnology, 1998, pp. 355-358, vol. 16	
		GORDON et al., Combinatorial Chemistry and Molecular Diversity in Drug Discovery, 1997, John Wiley & Son, New York	
		GORDON et al., Applications of Combinatorial Technologies to Drug Discovery. 2. Combinatorial Organic Synthesis, Library Screening Strategies, and Future Directions, J. Med. Chem., 1994, pp 1385-1401, vol. 37	
✓		GRANT et al., Human acetyltransferase polymorphisms, Mut. Res., 1997, pp 61-70, vol. 376	

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		GREENBERG, Photochemical Release of Protected Oligonucleotides Containing 3'-Glycolate Termini, Tetrahedron, 1995, pp 29-38, vol. 51	
		GREENBERG, Photochemical Cleavage of Oligonucleotides From Solid Phase Supports, Tetrahedron Lett., 1993, pp 251-254, vol. 34	
		GURURAJA et al., Solid-Phase Synthesis of Human Salivary Mucin-Derived O-linked Glycopeptide, Lett Pept. Sci., 1996, pp 79-88, vol. 3	
		GUSCHIN et al., Manual Manufacturing of Oligonucleotide, DNA, and Protein Microchips, Anal. Biochem., 1997, pp 203-211, vol. 250	
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✓		HECKEL et al., Oligosaccharide Synthesis on Controlled-Pore Glass as Solid Phase Material, Synlett, 1998, pp. 171-173	

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		HERMKENS et al., Solid-Phase Organic Reactions: A review of the Recent Literature, Tetrahedron, 1996, pp. 4527-4554, vol. 52	
		HIGUCHI et al., Simultaneous Amplification and Detection of Specific DNA Sequences, Bio/Technology, 1992, pp. 413-417, vol. 10	
		HIGUCHI et al., Kinetic PCR Analysis: Real-time Monitoring of DNA Amplification Reaction, Bio/Technology, 1993, pp. 1026-1030, v	
		HOLMES et al., Reagents for Combinatorial Organic Synthesis: Development of a New o-Nitrobenzyl Photoabile Linker for Solid Phase Synthesis, J. of Org. Chem., 1995, pp.2318-2319, vol. 60	
		HOLMES et al., Model Studies for New o-Nitrobenzyl Photolabile Linkers: Substituent Effects on the Rates of Photochemical Cleavage, J. of Org. Chem., 1997, pp 2370-2380, vol. 62	
✓		HUGHES et al., Functional Discovery via a Compendium of Expression Profiles, Cell, 2000, pp. 109-126, vol. 102	

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		ISHIGURO et al., Homogeneous Quantitative Assay of Hepatitis C Virus RNA by Polymerase Chain Reaction in the Presence of a Fluorescent Intercalater, Anal. Biochem., 1995, pp. 207-213, vol. 229	
		ISAKSSON and LANDEGREN, Accessing genomic information: alternatives to PCR, Curr. Opin. Biotechnol., 1999, pp. 11-15, vol. 10	
		ITO et al., Solid-phase oligosaccharide synthesis and related technologies, Curr. Opin. Biotechnol., 1998, pp. 701-708, vol. 2	
		JOOS et al., Covalent Attachment of Hybridizable Oligonucleotides to Glass Supports, Anal. Chem., 1997, pp 96-101, vol. 247	
		KAHL et al., High-Yielding method for On-Column Derivatization of Protected Oligodeoxy-nucleotides and Its Application to the Convergent Synthesis of 5', 3'-Bis-conjugates, J. of Org. Chem., 1998, pp 4870-4871, vol. 63	

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		KAHN et al., Modern Methods in Carbohydrate Synthesis, Harwood Academic, 1996, Amsterdam	
		KIERZEK et al., Association of 2'-5' oligoribonucleotides, Nucleic Acids Research, 1992, pp 1865-1690, vol. 20(7)	
		KIHLBERG et al., Direct Synthesis of Glycosylated Amino Acids from Carbohydrate Peracetates and Fmoc Amino Acids: Solid-Phase Synthesis of Biomedicinally Interesting Glycopeptides, Methods Enzymol., 1997, pp 221-245, vol. 289	
		KROKAN et al., DNA glucosylases in the base excision repair of DNA, Biochem, 1997, 1-16, vol.325	
✓		KUPPUSWAMI, et al., Single nucleotide primer extension to detect genetic diseases: Experimental application to hemophilia B (factor IX) and cystic fibrosis genes, Proc. Natl. Acad. Sci. USA, 1991, pp. 1143-1147, vol. 88	

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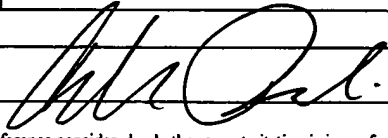
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CM B		LANDGREN, et al., The Challengers to PRC: a proliferation of chain reactions, Curre. Opin. Biotechnol., 1996, pp95-97, vol. 7	
		LANDGREN, et al., Reading Bits of Genetic Information: Methods for Single-Nucleotide Polymorphism Analysis, Genome Research, 1998, 769-776, vol. 8	
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		LLOYD-WILLIAMS, et al., Convergent Solid-phase peptide synthesis, Tetrahedro, 1993, pp 11065-11133, vol. 49	

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			Application Number	10/602,998	
			Filing Date	June 23, 2003	
			First Named Inventor	Thomas M. Brennan	
			Art Unit	1645 1637	
			Examiner Name	Unknown CM Basic	
Sheet	17	of	27	Attorney Docket Number	28690-705.302 «CaseNumber»

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CMB		LOCKHART, et al, Genomics, gene expression and NDA arrays, Nature, 2000, pp827-936, vol. 405	
		MALEK et al, Nucleic Acid Sequence-Based Amplication (NASBA), Methods Mol. Biol, 1994, pp 253-260, vol. 28	
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		McKENZIE, et al., Parallel molecular genetic analysis, European Journal of Human Genetics, 1998, pp 417-429, vol. 6	
✓		McMINN et al., Efficient Solution Phase synthesis of Oligonucleotide Conjugates Using Protected Biopolymers Containing 3'-Terminal Alkylamines, J. of Org. Chem, 1997, pp7074-7075, vol. 62	

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		MELDAL, et al., Synthetic methods for glycopeptide assembly, and biological analysis of glycopetide products, Curr. Opin. Chem. Biol, 1997, pp 552-563, vol. 1	
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		MRKSICH, et al, Controlling cell attachment on contoured surfaces with self-assembled monolayers of alkanethiolates on gold, Proc. Natl. Acad. Sci, 1996, pp 10775-8, vol. 93	
		MRKSICH, et al, Using Self-Assembled Monolayers to understand the interactions of man-made surfaces with proteins and cells, Ann. Rev. Biophys. Biomol. Struct., 1996, pp 55-78, vol. 25	

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cmB		MULLER et al, Self-sustained sequence replication (3SR): An alternative to PCR, Histochem. Cell Biol., 1997, pp 431-437, vol. 108	
		NELSON, Rapid Detection of Genetic Mutations Using the Chemiluminescent Hybridization Protection Assay (HPA): Overview and Comparison with Other Methods, Crit. Rev. Clin. Lab. Sci., 1998, pp 369-414, vol. 35	
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		NGUYEN, et al, The stability of duplexes involving AT and/or G(4et)C base pairs is not dependent on their AT/G(4et)C ratio content. Implication for DNA sequencing by hybridization, Nucleic Acids Research, 1998, pp 4249-4259, vol. 26(18)	
✓		PANDEY, et al, Proteomics to study genes and genomes, Nature, 2000, pp 837-846, vol. 405	

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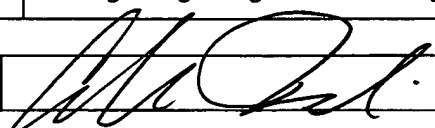
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amb		PAULSEN et al, New solid-phase oligosaccharide synthesis on glycopeptides bound to a solid phase, J. Chem. Perkin Trans, 1997, pp 281-293, vol. 1	
		PCR, A Practical Approach, eds. McPherson et al., IRL Press, Oxford, 1991	
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		RADEMANN et al, Repetitive SolidPhase Glycosylation on an Alkyl Thiol Polymer Leading to Sugar Oligomers Containing 1, J Org. Chem, 1997, pp 3650-3653, vol. 62	

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CMB		REES, et al., Betaine Can Eliminate the Base Pair Composition Dependence of DNA Melting, Biochemistry, 1993, pp 137-144, vol. 3	
		RICH, et al., Preparation of a New o-Nitrobenzyl Resin for Solid-Phase Synthesis of tert-Butyloxycarbonyl-Protected Peptide Acids, J. Am. Chem. Soc, 1975, pp 1575-1579, vol. 97	
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✓		RYCHLIK, et al., Optimization of the annealing temperature for DNA amplification in vitro, Nucleic Acids Res, 1989, pp6409-6412, vol. 18(21)	

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CMB		SAMBROOK et al, Molecular Cloning: A Laboratory Manual, 2 nd Ed, Cold Spring Harbor Laboratory Press, Cold Spring Harbor, NY, 1989	
		SCHENA et al., Microarrays: biotechnology's discovery platform for functional genomics, TIBTECH, 1998, pp. 301-306, vol. 16	
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		SHUSTER et al., Solid-Phase Chemical-Enzymatic Synthesis of Glycopeptides and Oligosaccharides, J Am. Chem. Soc, 1994, pp1135-1136, vol. 116	
		SILVERIA and ORGEL, PCR with detachable primers, Nucleic Acids Research, pp1083-1084, vol. 23(6)	
		SINGH-GASSON, et al, Maskless fabrication of light-directed oligonucleotide microarrays using a digital nucleomirror array, Nature Biotechnol, 1999, pp. 974-978, vol. 17	
	✓		SINGHVI, et al., Engineering Cell Shape and Function, Science, 1994, pp696-698, vol. 264

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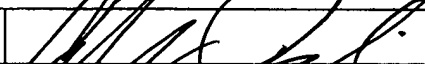
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AMS		SOKOLOV, Primer extension technique for the detection of single nucleotide in genomic DNA, Nucleic Acids Res., 1990, pp3671, vol. 18(12)	
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		SYVANEN, From Gels to Chips: 'Minisequencing' Primer Extension for Analysis of Point Mutations and Single Nucleotide Polymorphisms, Human Mutation, 1999, ppl-10, vol. 13	

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<i>AMB</i>		THOMPSON, et al, Synthesis and Applications of Small Molecule Libraries, Chem. Rev., 1996, pp555-600, vol. 96	
		TOSHIMA et al, Recent Progress in O-glycosylation Methods and Its application to Natural Products Synthesis, Chem. Rev, 1993, pp1503-1531, vol. 93	
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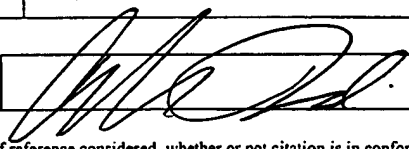
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				Application Number	10/602,998
				Filing Date	June 23, 2003
				First Named Inventor	Thomas M. Brennan
				Art Unit	1645 1637
				Examiner Name	Unknown CM Bubic
Sheet	25	of	27	Attorney Docket Number	2860-705.302

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
AMB3		VERMA and ECKSTEIN, MODIFIED OLIGONUCLEOTIDES: Synthesis and Strategy for Users, Annu. Rev. Biochem, 1998, pp99-134, vol. 67	
		WAGNER, et al, Antisense Gene inhibition by oligonucleotides containing C-5 propyne pyrimidines, Science, 1993, pp1510-1513, vol. 260	
		WALKER, Empirical Aspects of Strand Displacement Amplication, PCR Methods Appl., 1993, pp 1-6, vol. 3	
		WANG, Solid Phase Synthesis of Protected Peptide via Photolytic Cleavage of the a-methylphenacyl Ester Anchoring Linkage, J. Org. Chem, 1976, p3258, vol. 41	
		WANG, et al, A New Base-Labile Anchoring Group for Polymer-Supported Oligosaccharide Synthesis, Chem. Lett, 1995, pp273-274	
		WANG, D., et al, Large-Scale Identification, Mapping, and Genotyping of Single-Nucleotide Polymorphisms in the Human Genome, Science, 1998, 1077-1082, vol. 280	
		WETMUR, DNA Probes: Applicationis of the Principles of Nucleic Acid Hybridization, Critical Reviews in Biochemistry and Molecular Biology, 1991, pp227-259, vol. 26	

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Sheet	26	of	27	Attorney Docket Number	28690-705.302

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<i>AMB</i>		WIEDMANN, et al., Ligase Chain Reaction (LCR) - Overview and Applications, PCR Methods Appl, 1994, pp51-64, vol. 3	
		WHITE, High-Throughput Screening in Drug Metabolism and Pharmacokinetic Support of Drug Discovery, Annu. Rev. Pharmacol. Toxicol, 2000, pp133-157, vol. 40	
		WU, et al, The Ligation Amplification Reaction (LAR) - Amplification of Specific DNA Sequences Using Sequential Rounds of Template-Dependent Ligation, Genomics, 1989, pp560-569, vol. 4	
		YAMADA, et al, An Efficient Synthesis of Sialoglycoconjugates on a Peptidase-Sensitive Polymer Support, Tetrahedron Lett., 1995, pp9493-9496, vol. 36	
		YAN et al, Glycosylation on the Merrifield Resin Using Anomerica Sulfoxides, J. Am. Chem. Soc, 1994, pp6953-6954, vol. 116	
		YOO et al, Synthesis of Oligonucleotides Containing 3'-Alkyl Carboxylic Acids Using Universal, Photolabile Solid Phase Synthesis Supports, J. of Org. Chem, 1995, pp3358-3364, vol. 60	
		YOUNG, Biomedical Discovery with DNA Arrays, Cell, 2000, pp9-15, vol. 102	

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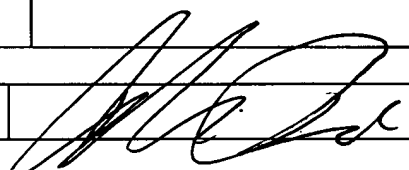
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AMS		Zheng et al, Solid Support Oligosaccharide Synthesis: Construction of B-Linked Oligosaccharides by Coupling by Glycal Derived Thioethyl Glycosyl Donors, J. Org. Chem., 1998, pp 1126-1130, vol. 63	

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